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Fig. 1

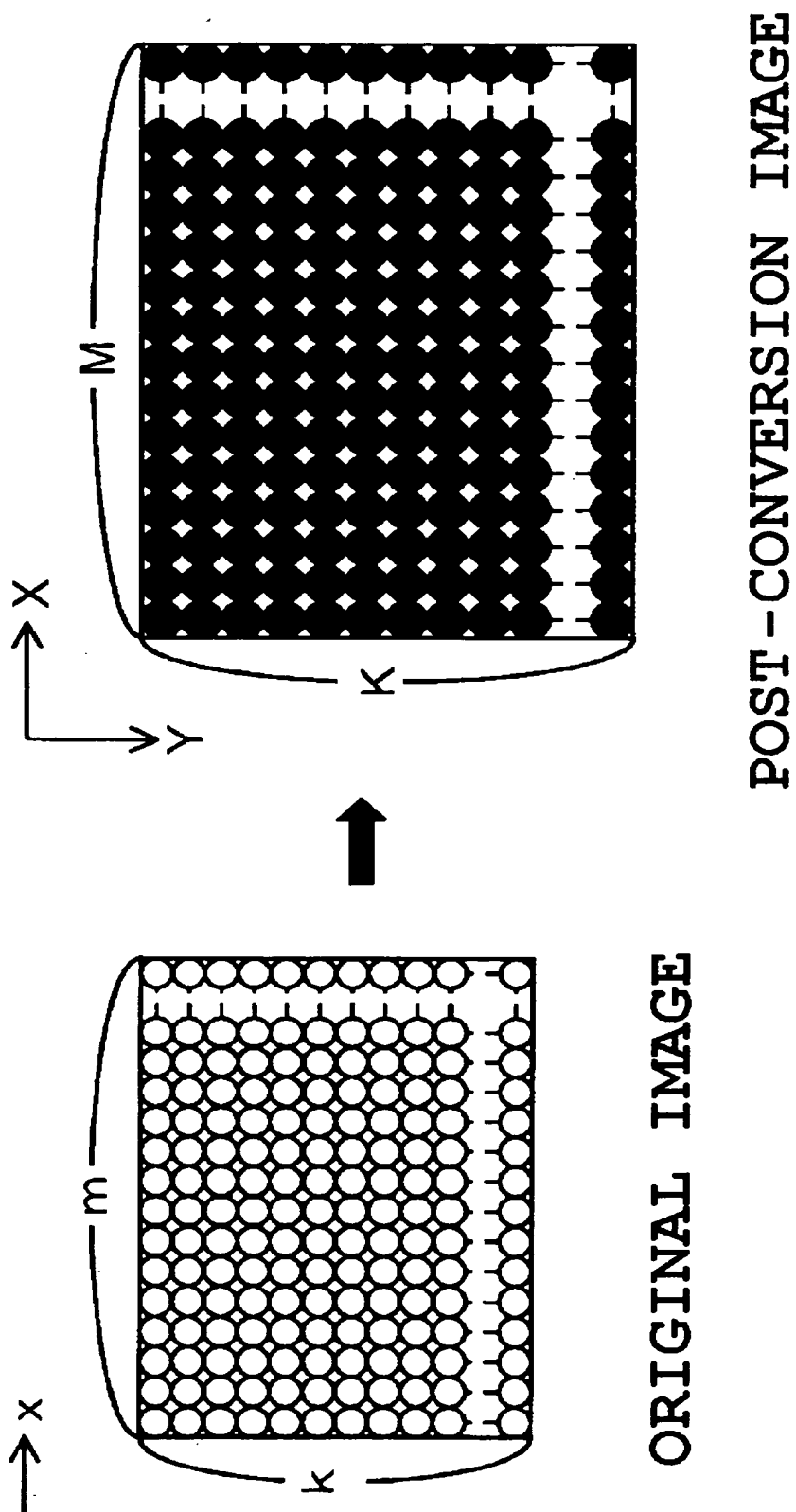


Fig. 2

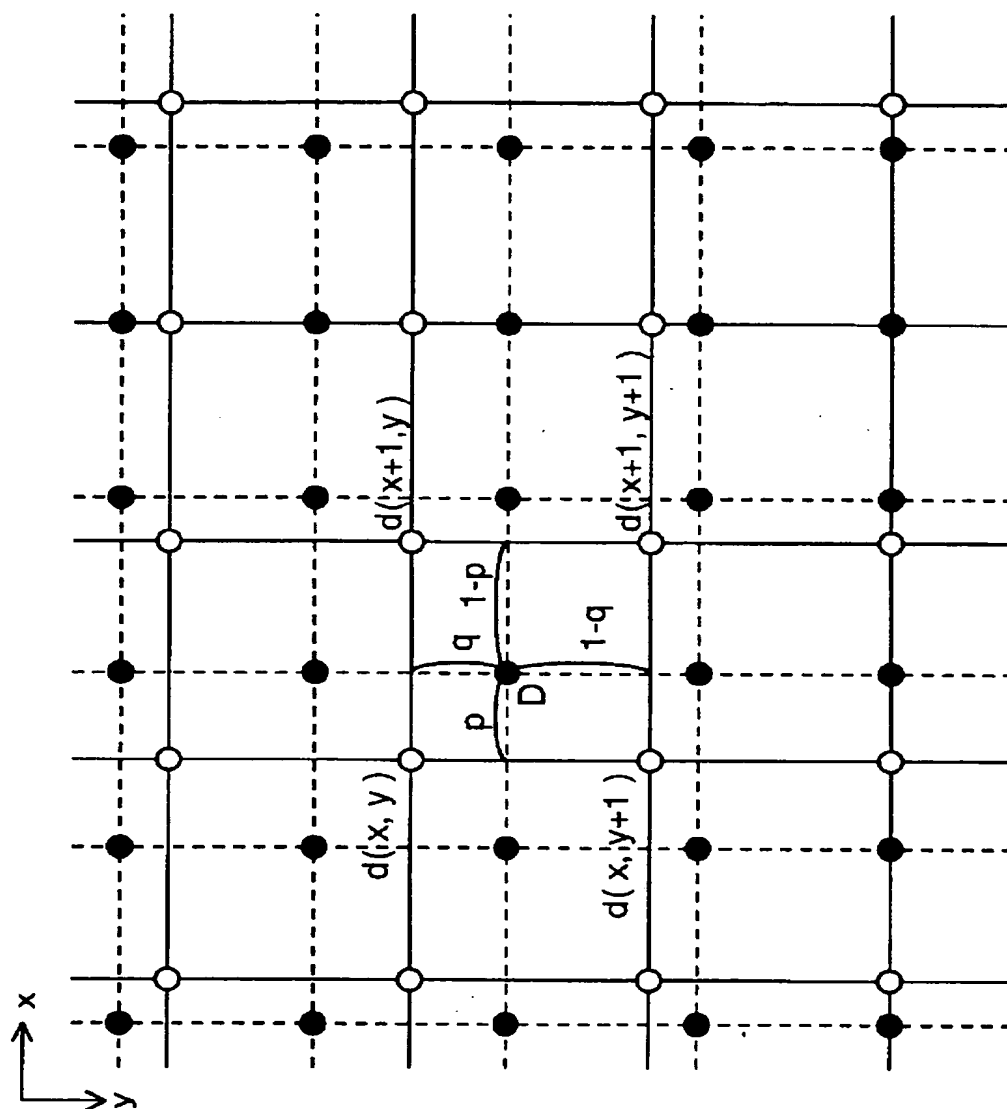


Fig. 3

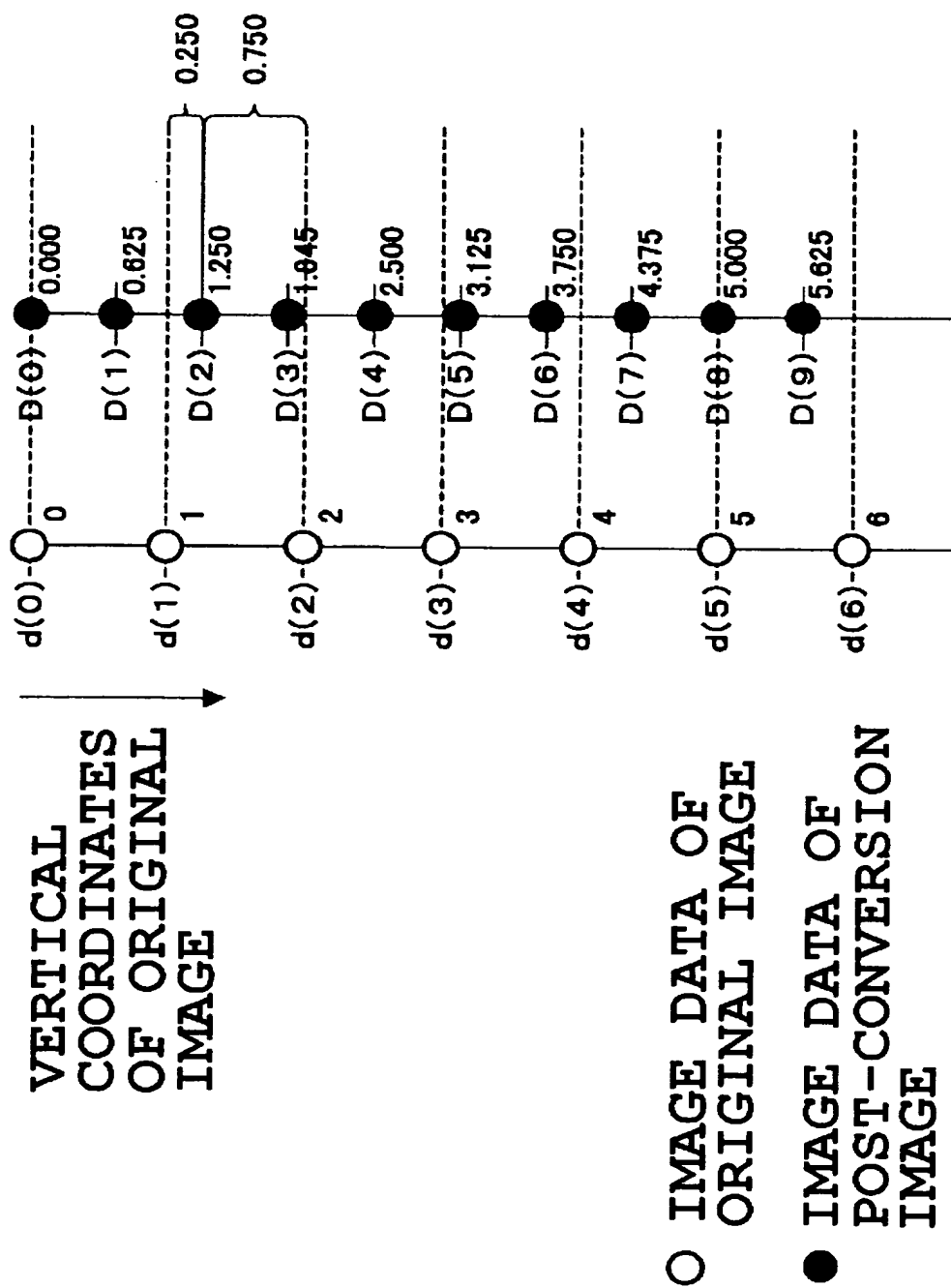


Fig. 4

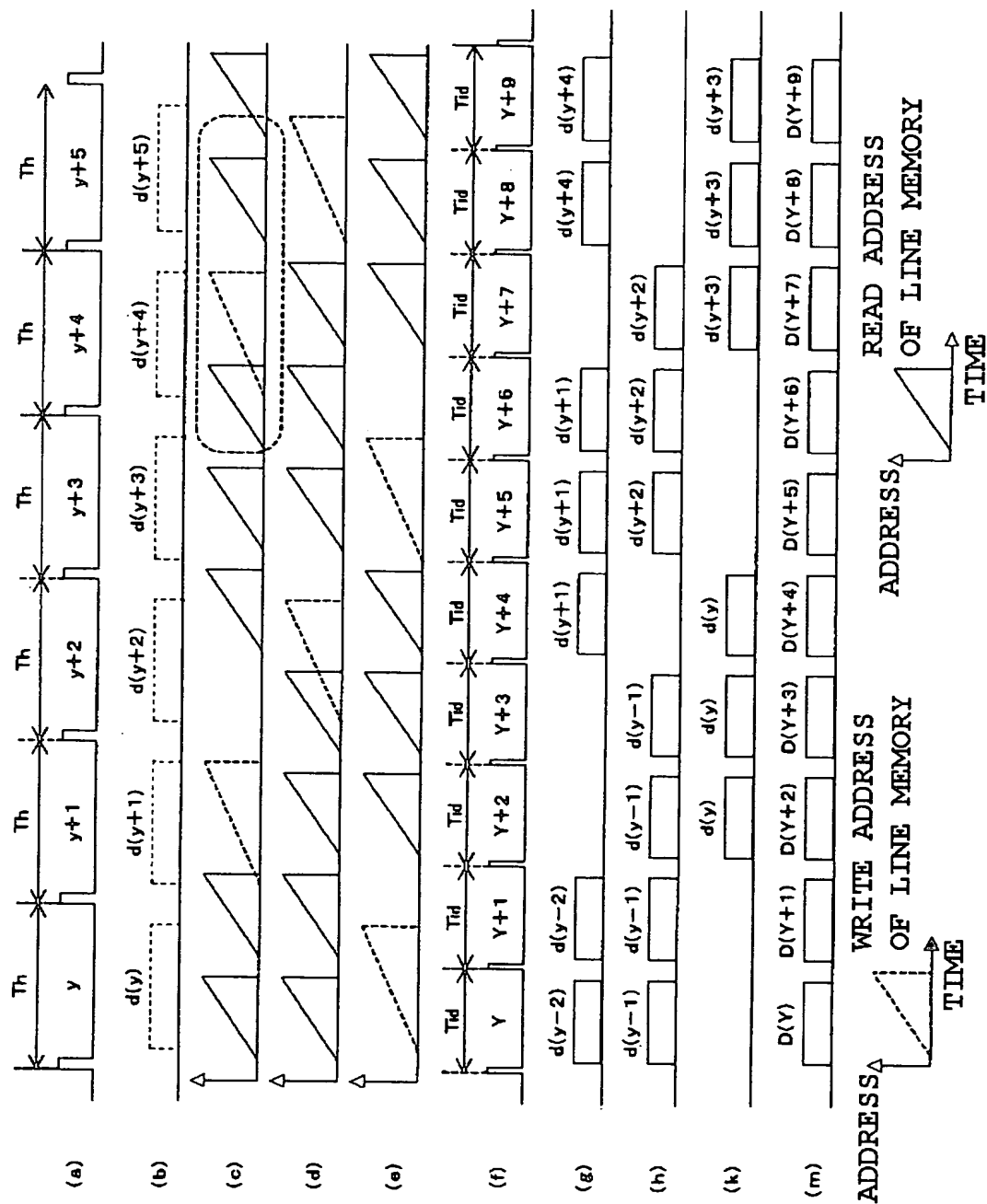


Fig. 5

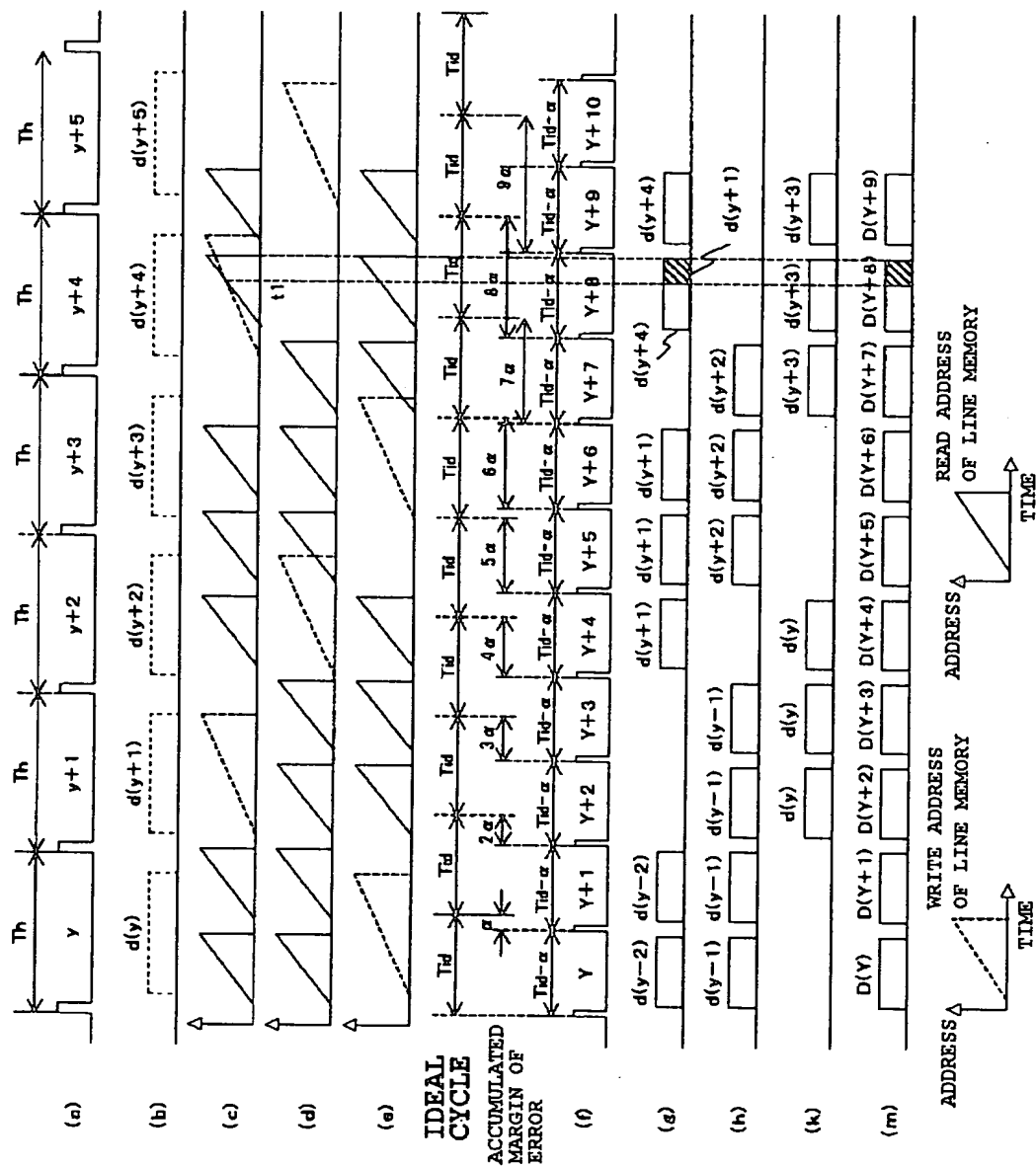


Fig. 6

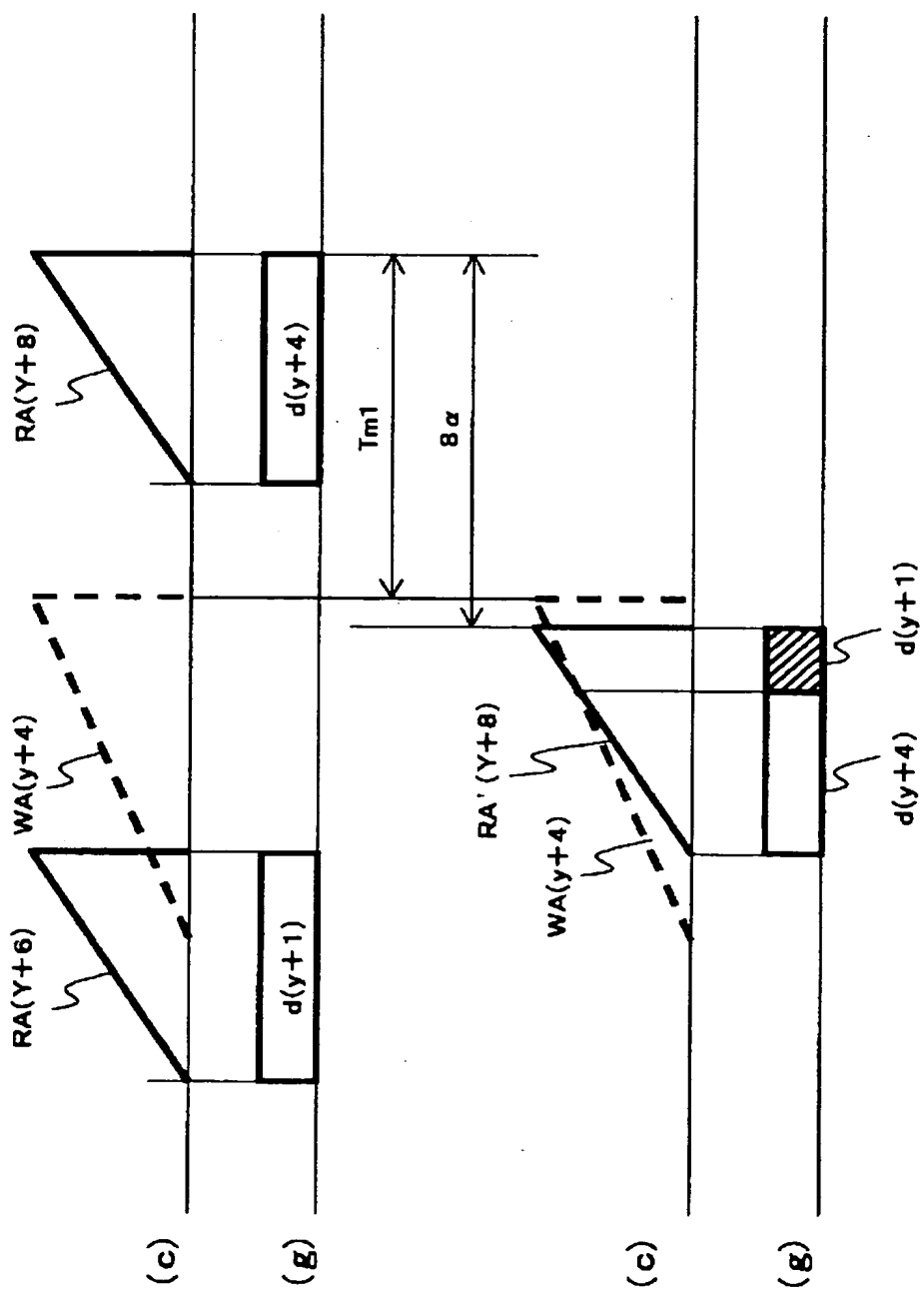


Fig. 7

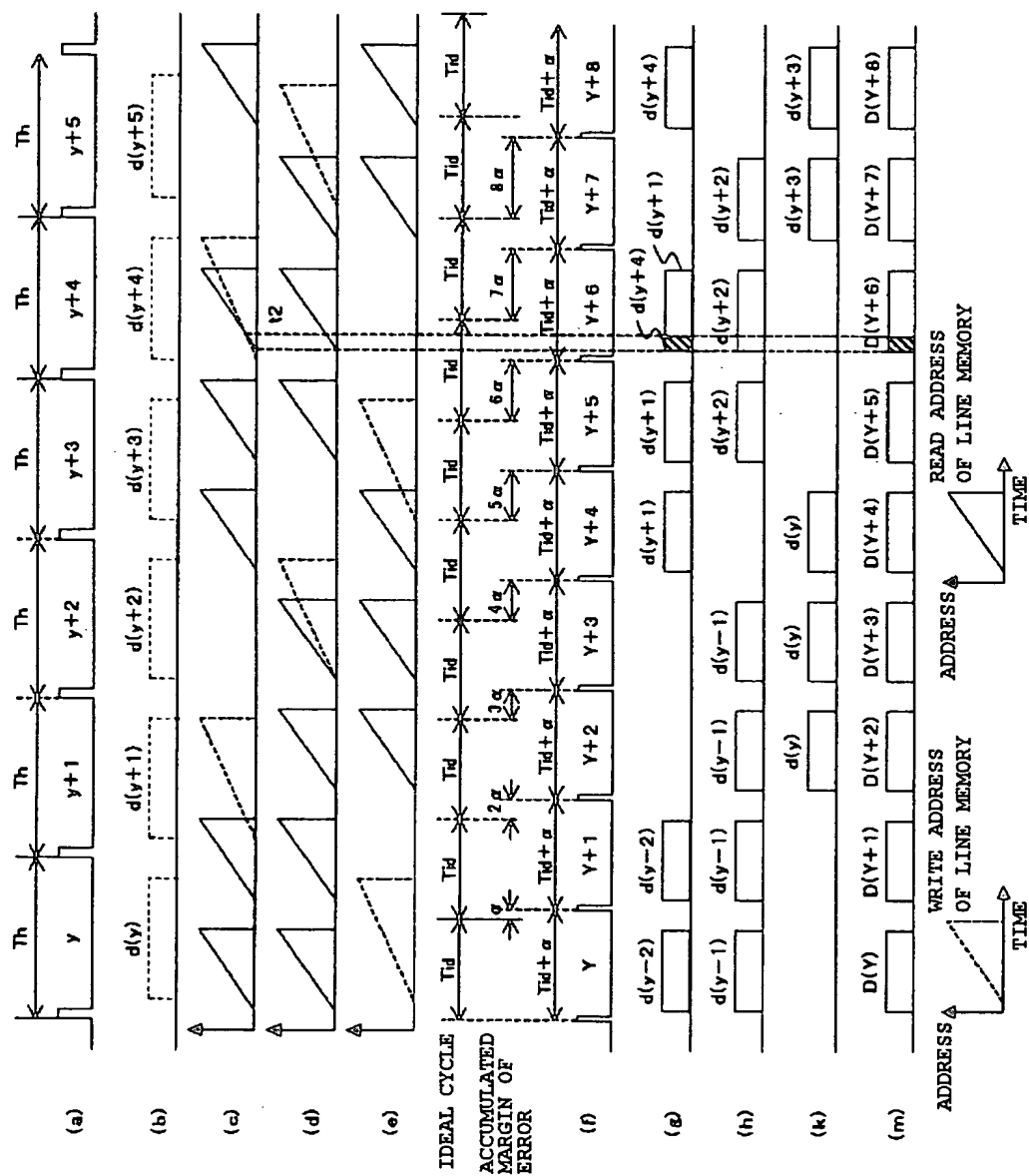


Fig. 8

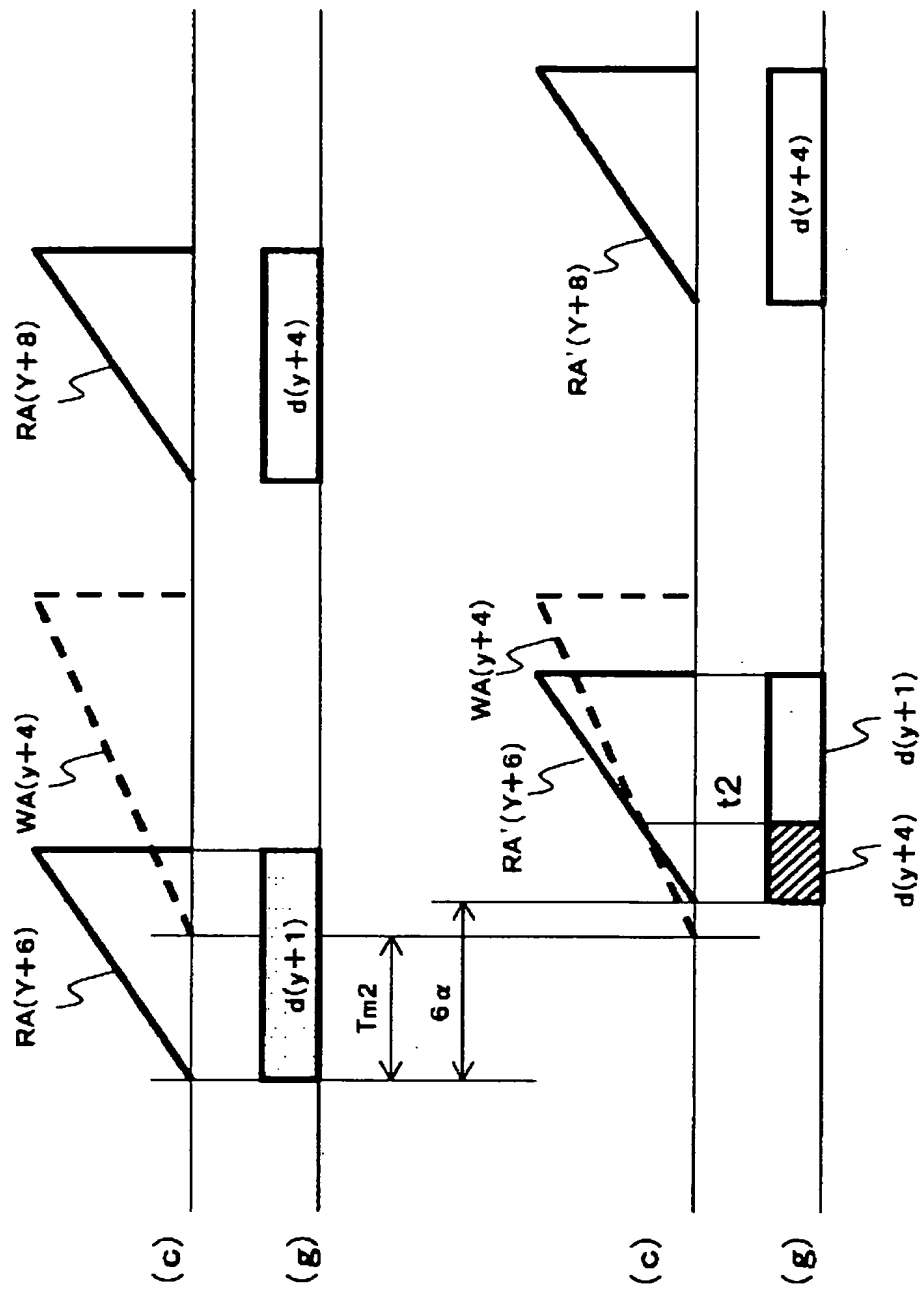


Fig. 9

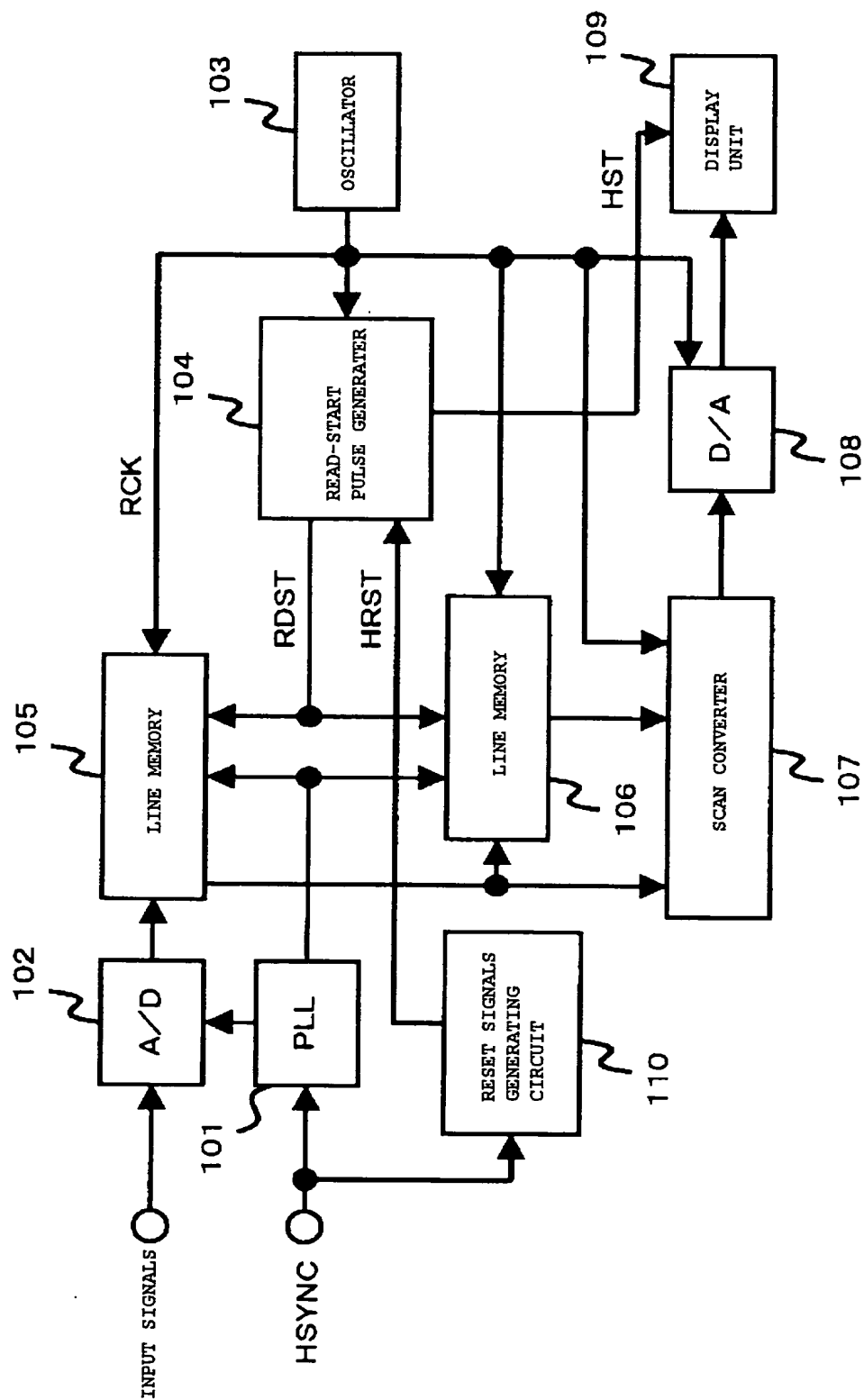


Fig. 10

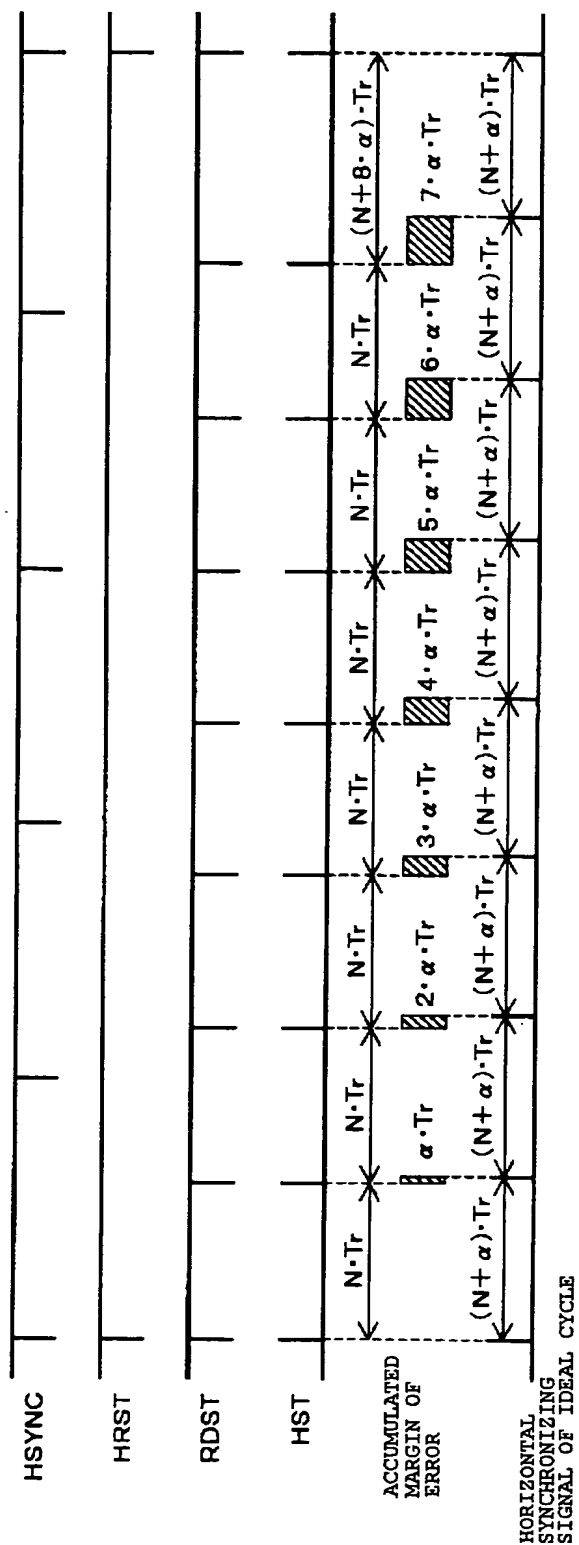


Fig. 11

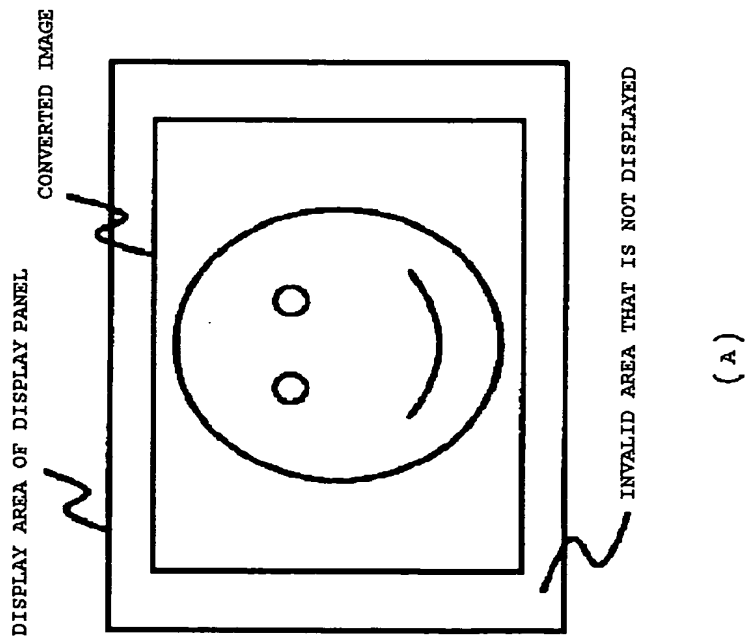
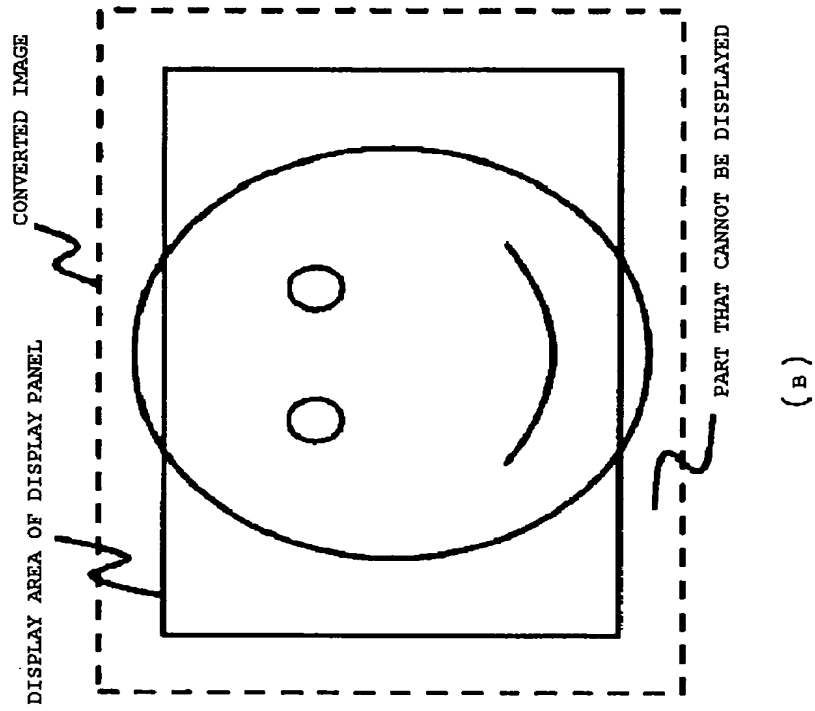


Fig. 12

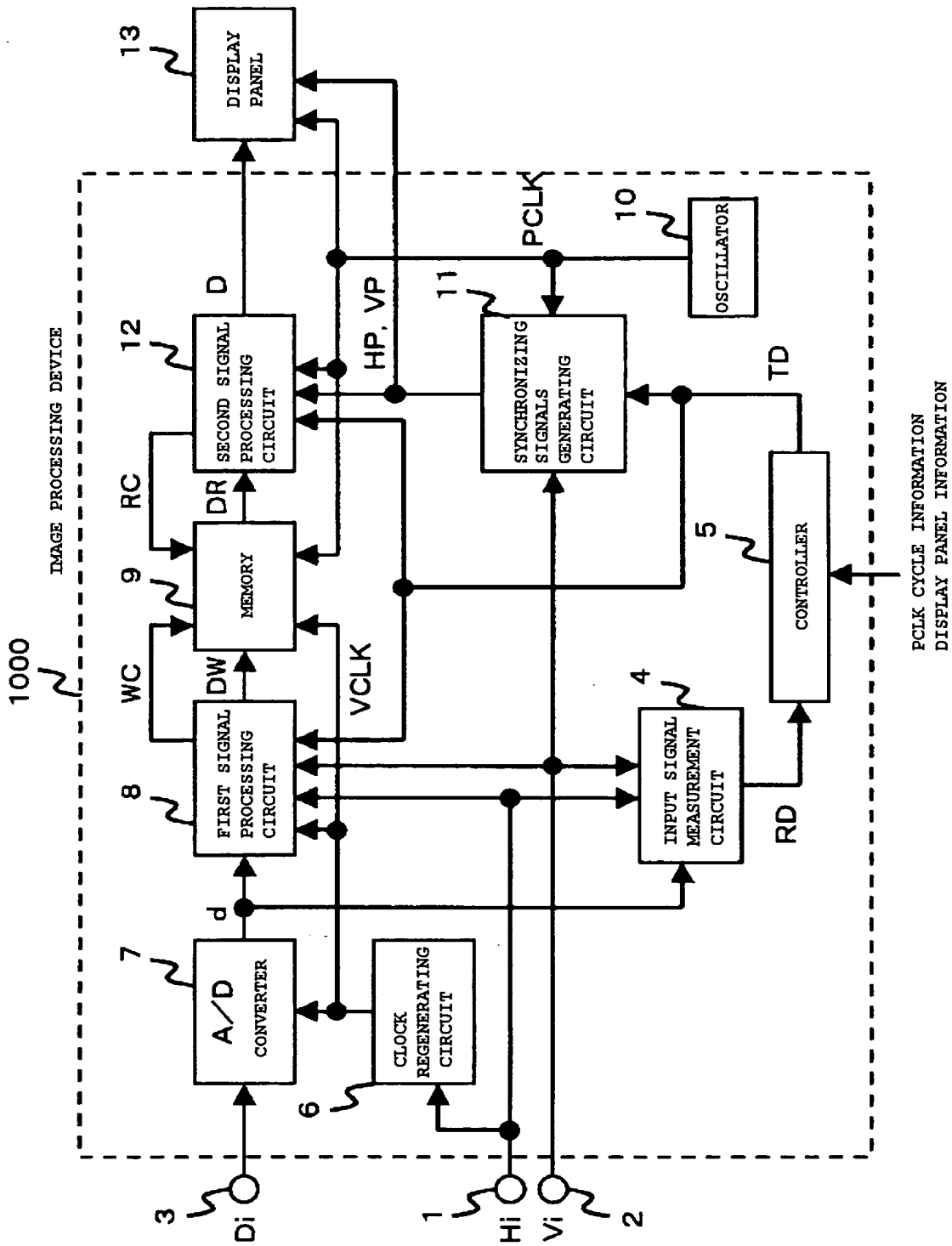


Fig. 13

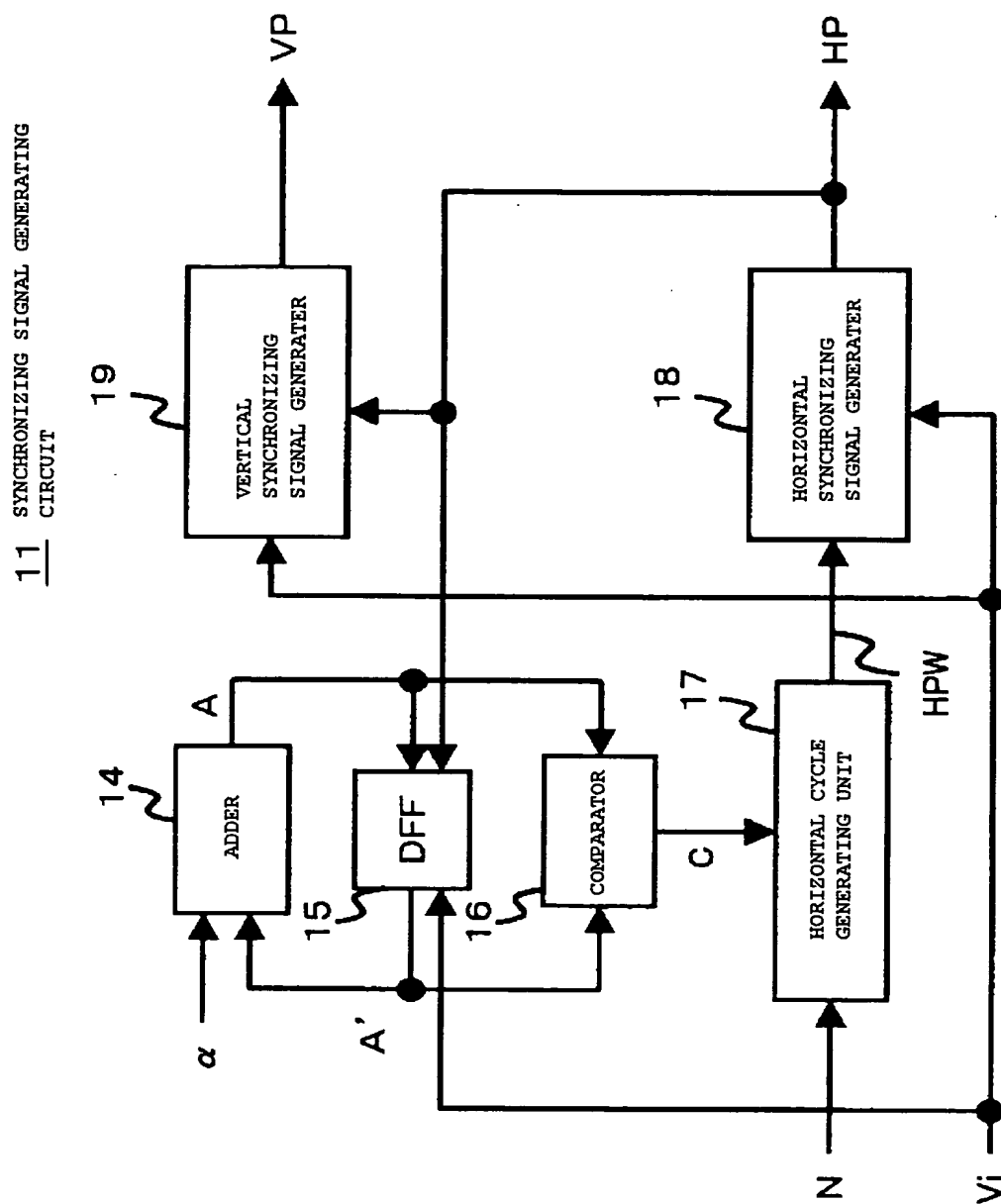


Fig. 14

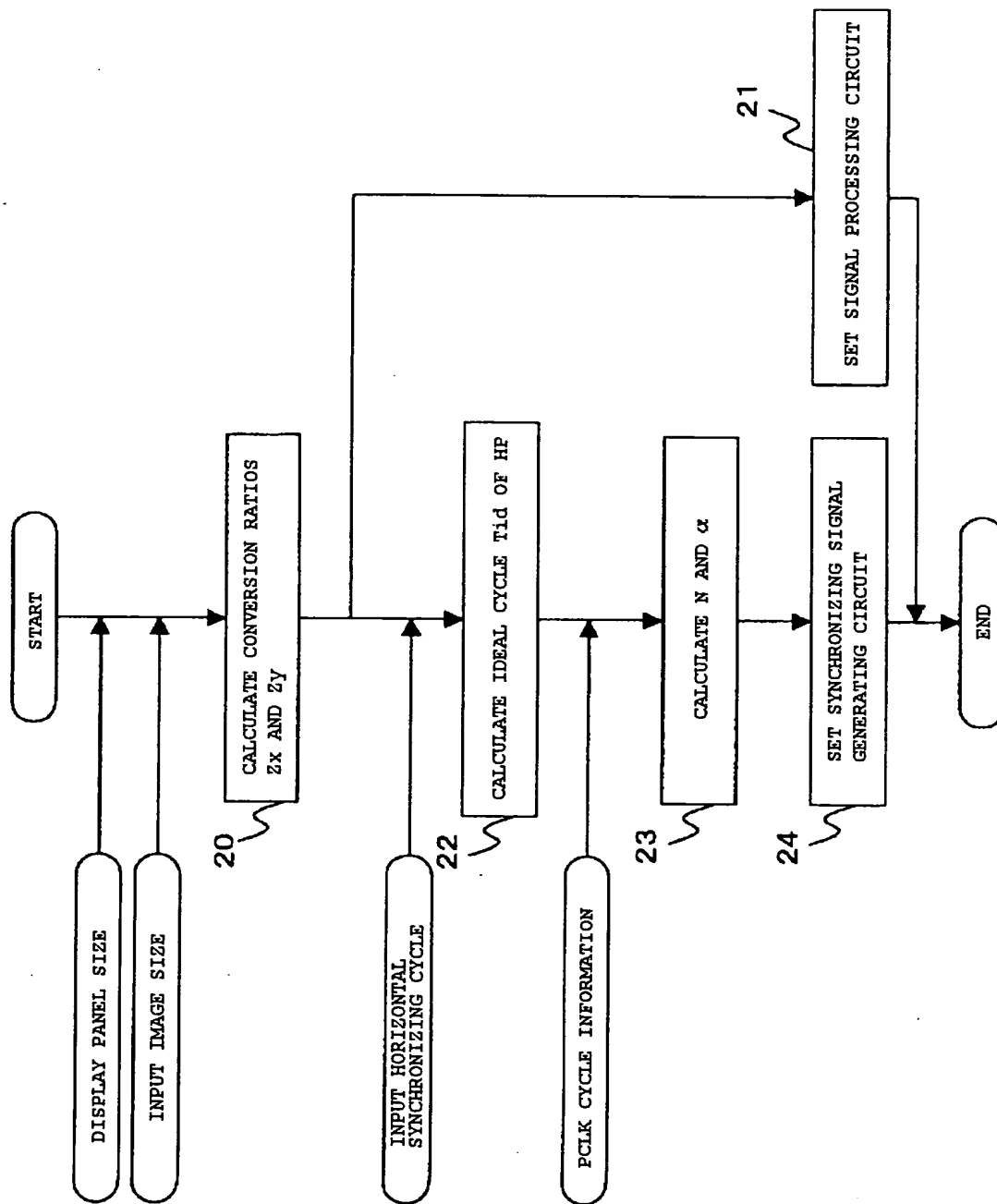


Fig. 15

HORIZONTAL CONVERSION RATIO Z_x	VERTICAL CONVERSION RATIO Z_y	OPERATION MODE OF FIRST SIGNAL PROCESSING CIRCUIT	OPERATION MODE OF SECOND SIGNAL PROCESSING CIRCUIT
$Z_x \geq 1$ (ENLARGE)	$Z_y \geq 1$ (ENLARGE)	THROUGH	HORIZONTAL ENLARGEMENT, VERTICAL ENLARGEMENT
$Z_x \geq 1$ (ENLARGE)	$Z_y < 1$ (REDUCE)	THROUGH	HORIZONTAL ENLARGEMENT, VERTICAL REDUCTION
$Z_x < 1$ (REDUCE)	$Z_y \geq 1$ (ENLARGE)	HORIZONTAL REDUCTION	VERTICAL ENLARGEMENT, (HORIZONTAL THROUGH)
$Z_x < 1$ (REDUCE)	$Z_y < 1$ (REDUCE)	HORIZONTAL REDUCTION	VERTICAL REDUCTION, (HORIZONTAL THROUGH)

Fig. 16

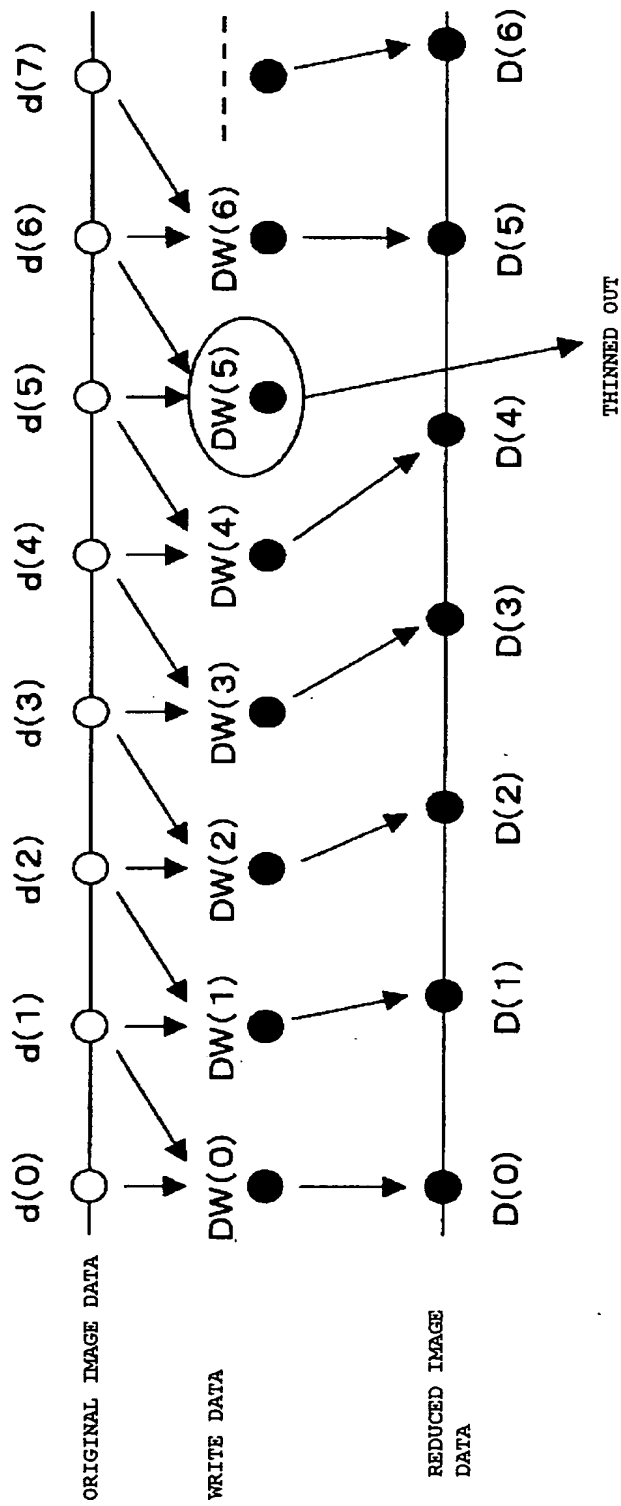


Fig. 17

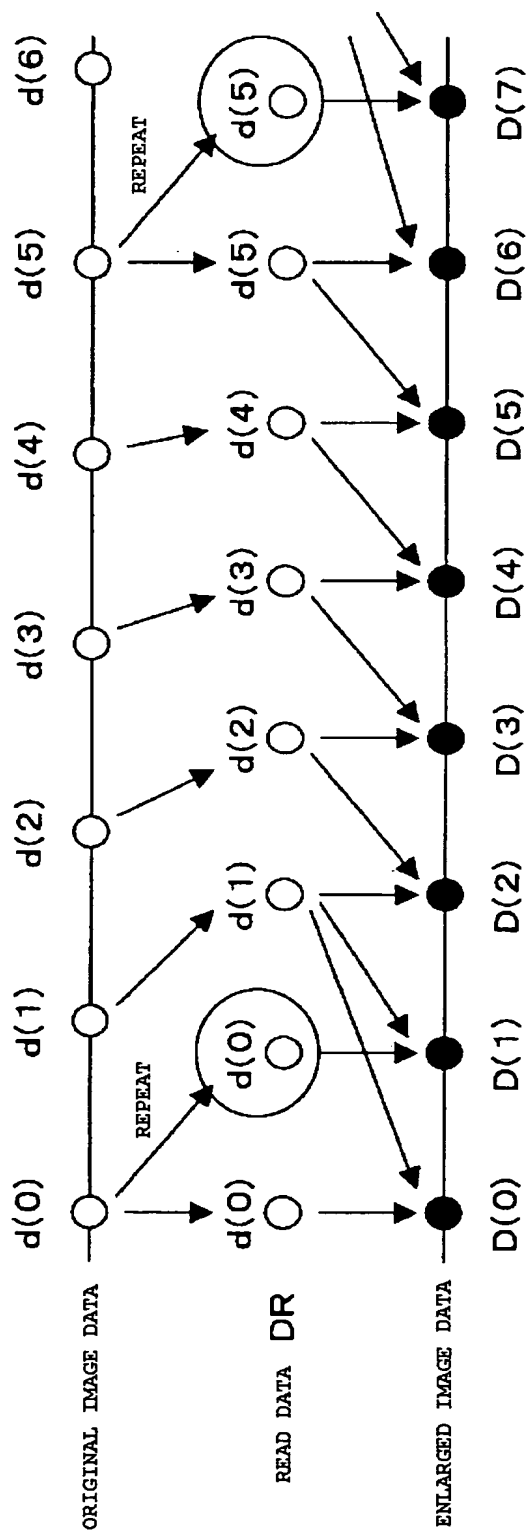


Fig. 18

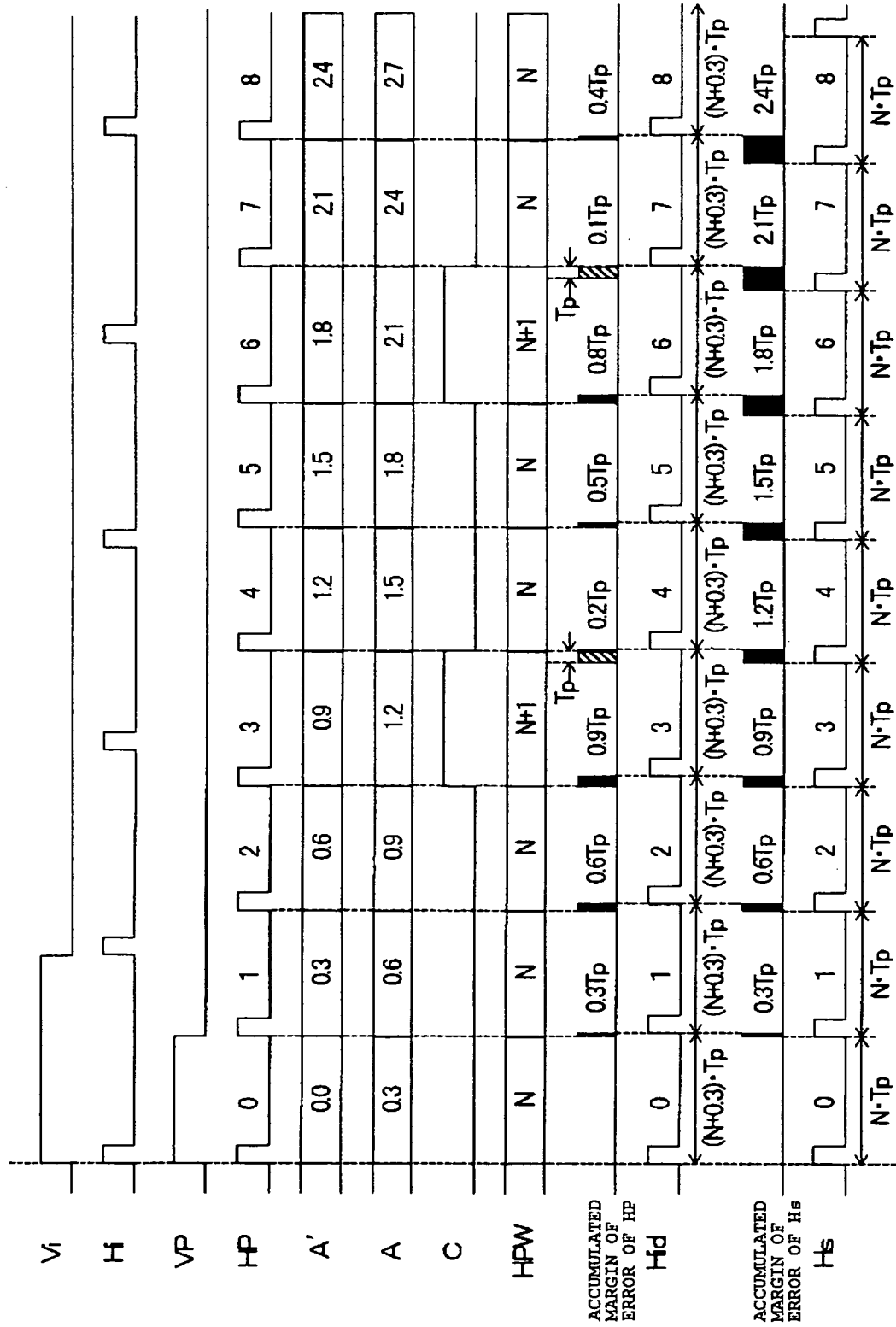


Fig. 19

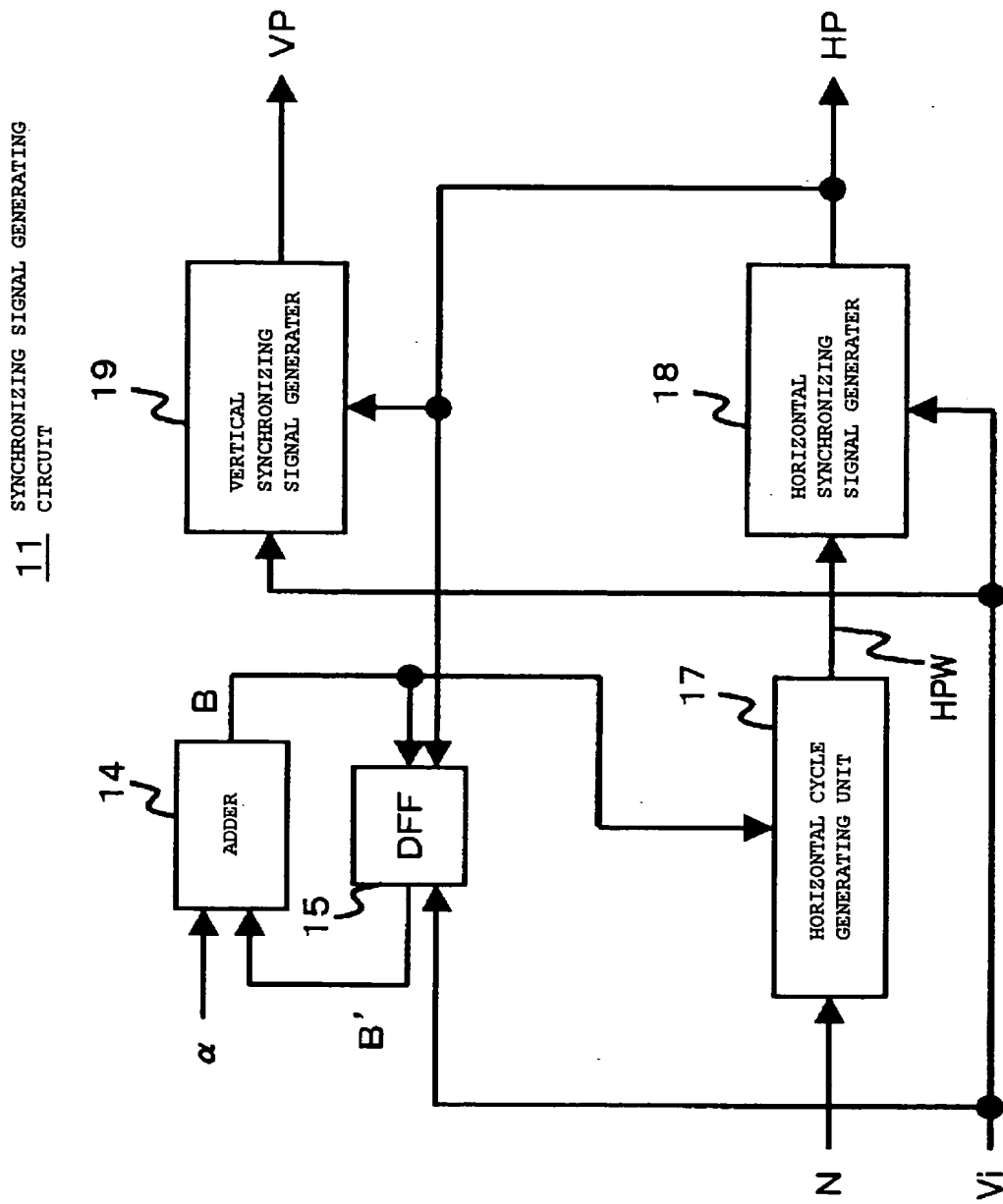


Fig. 20

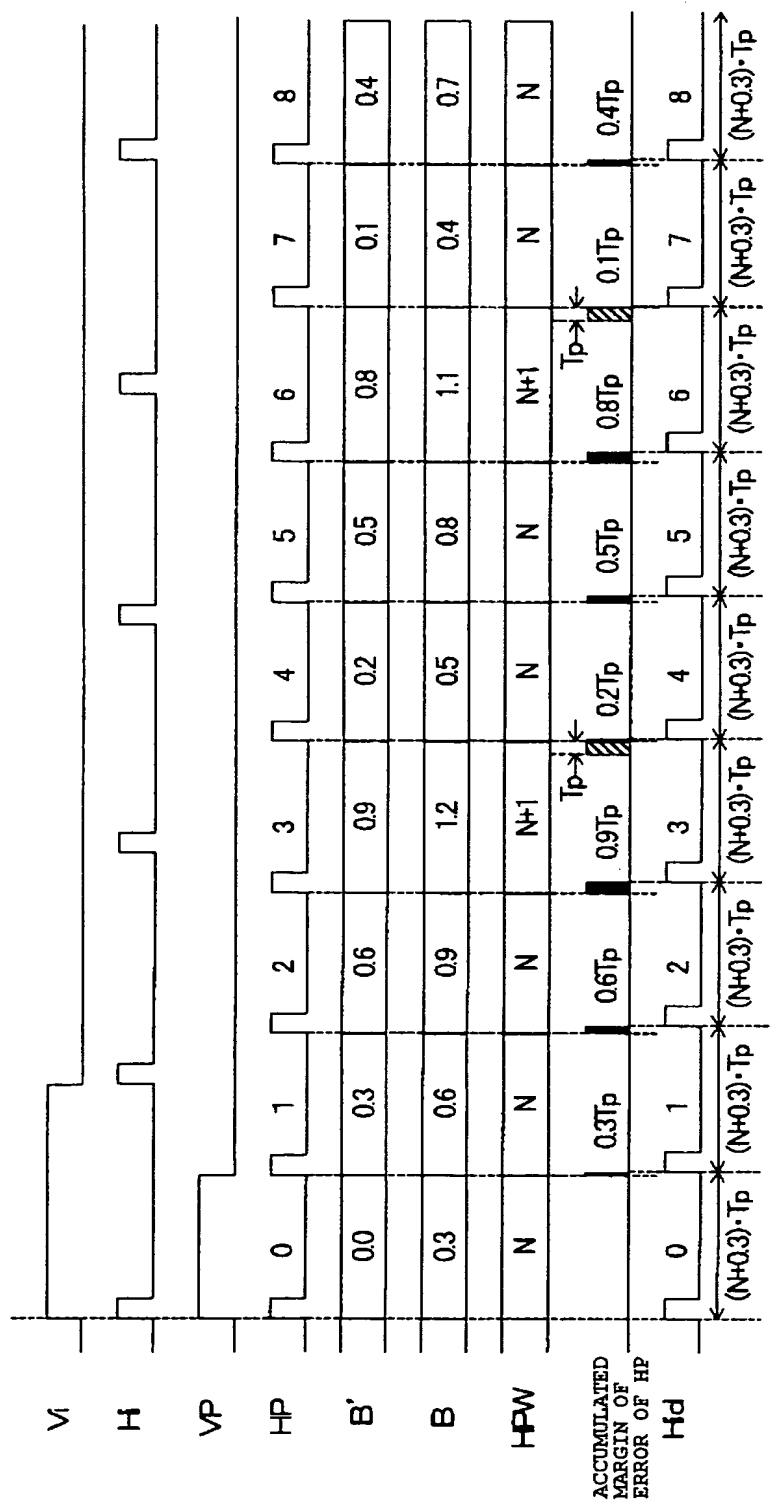


Fig. 21

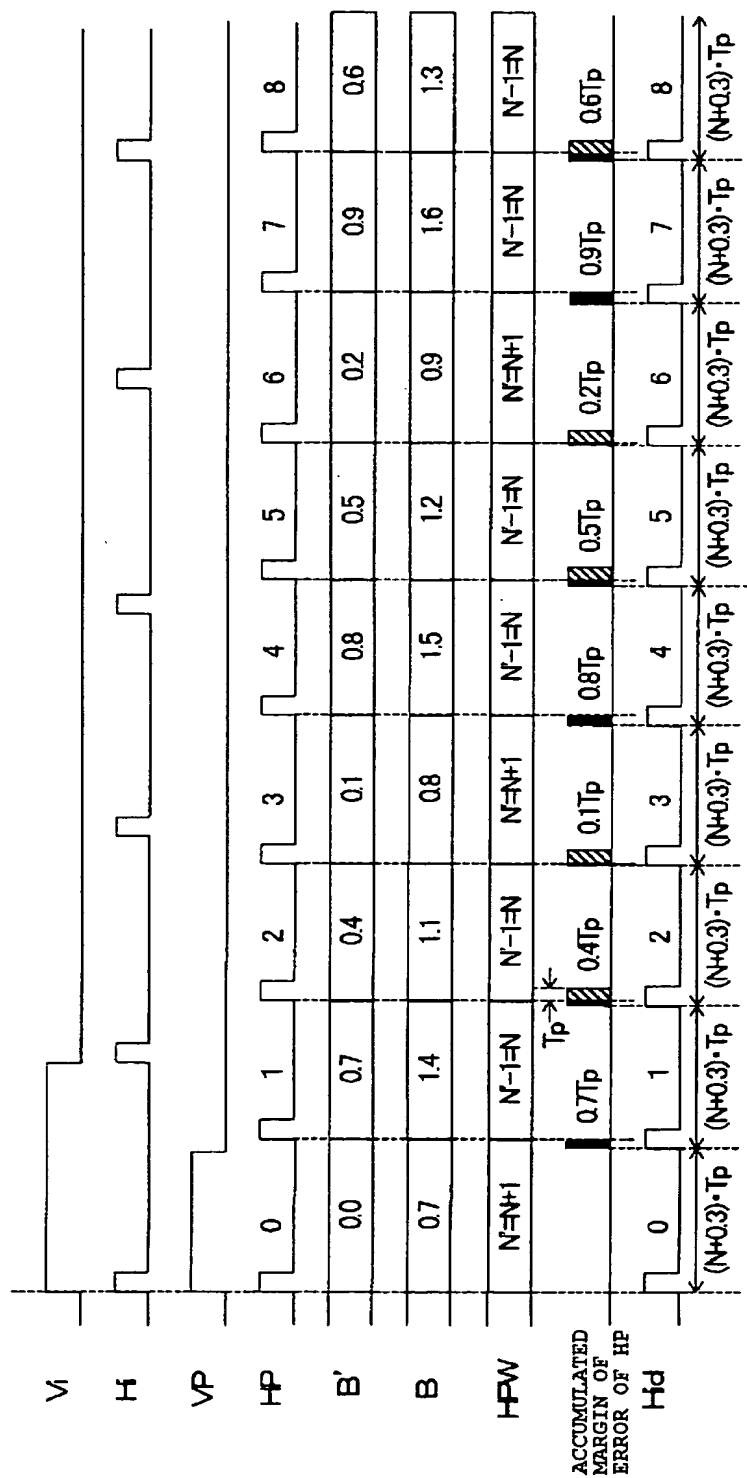


Fig. 22

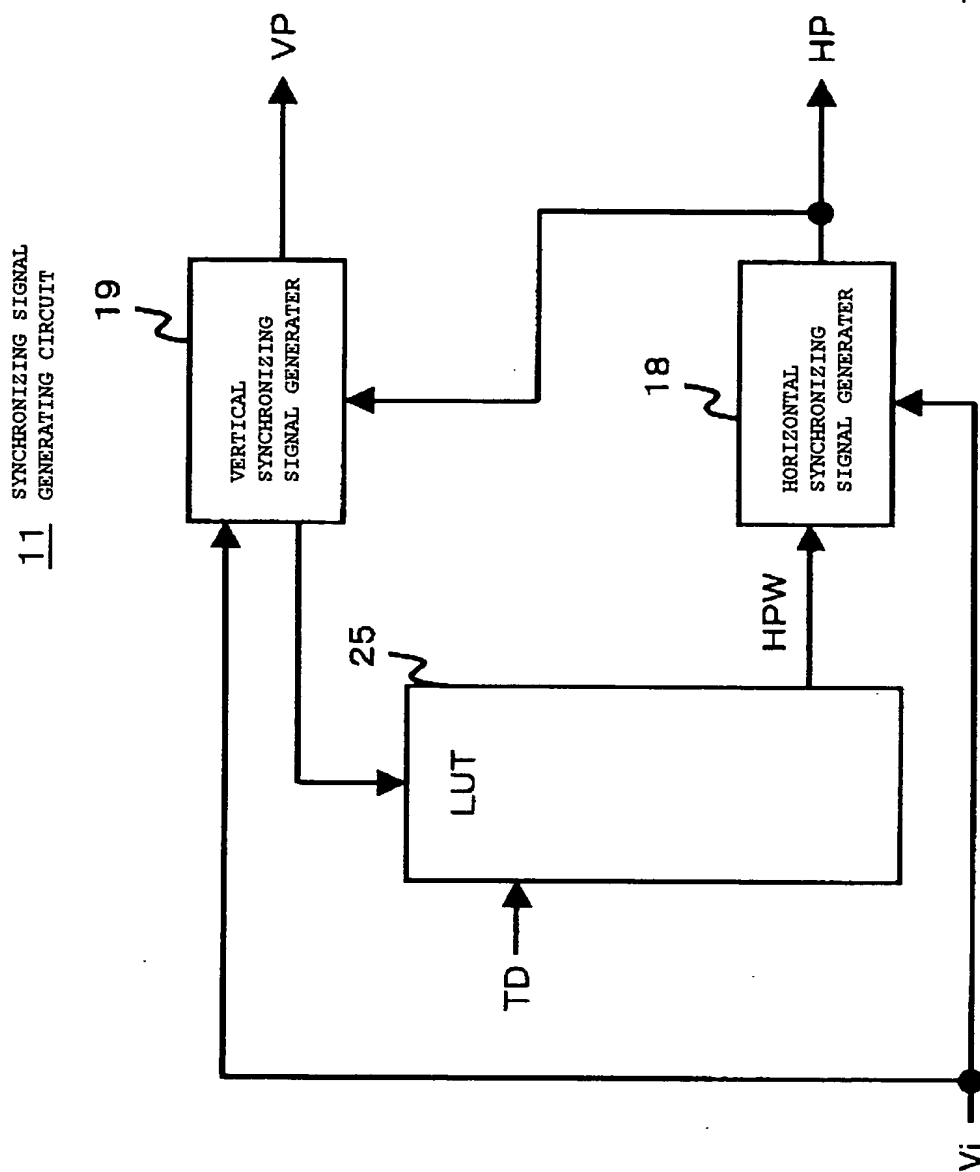


Fig. 23

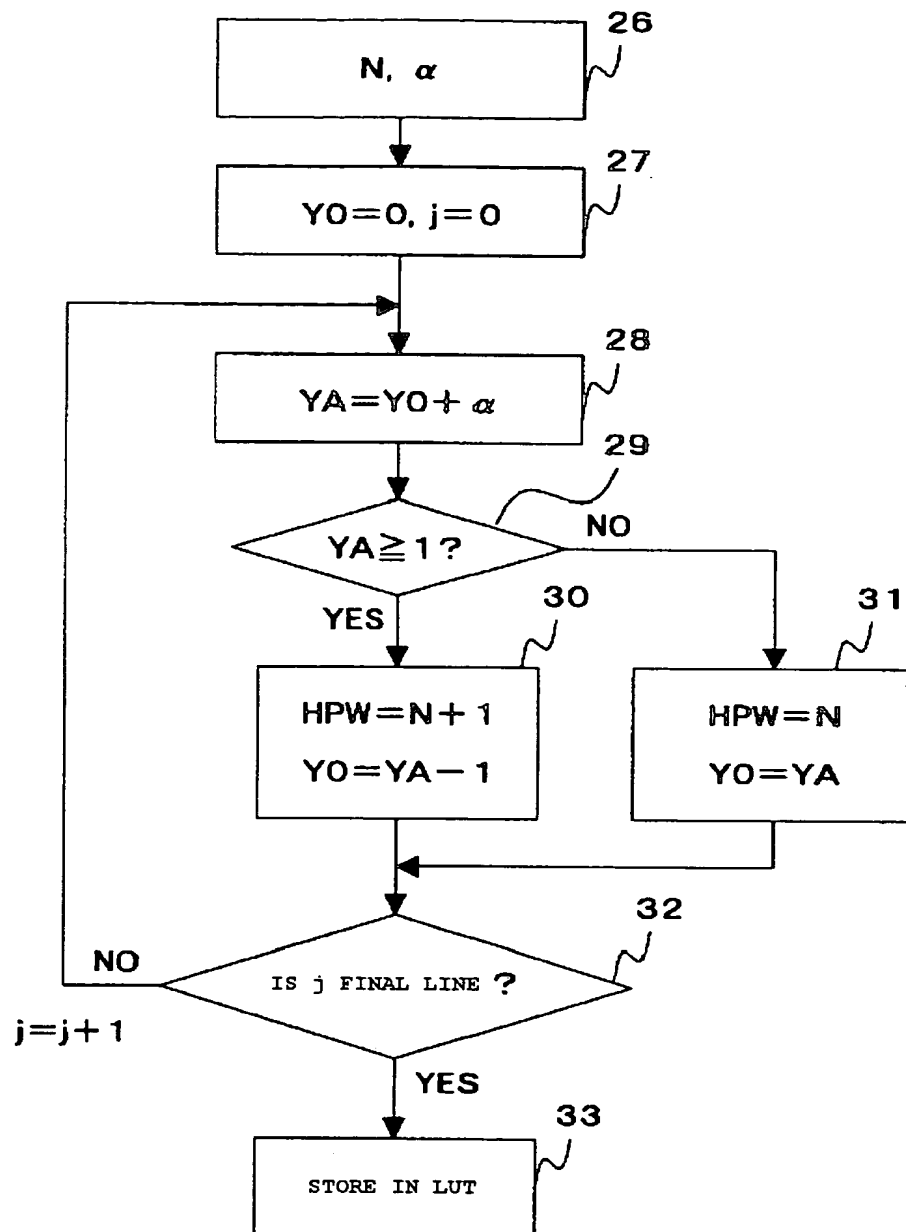


Fig. 24

ADDRESS	DATA HPW
0	N
1	N
2	N
3	N+1
4	N
5	N
6	N+1
7	N
8	N
:	:
:	:
:	:

Fig. 25

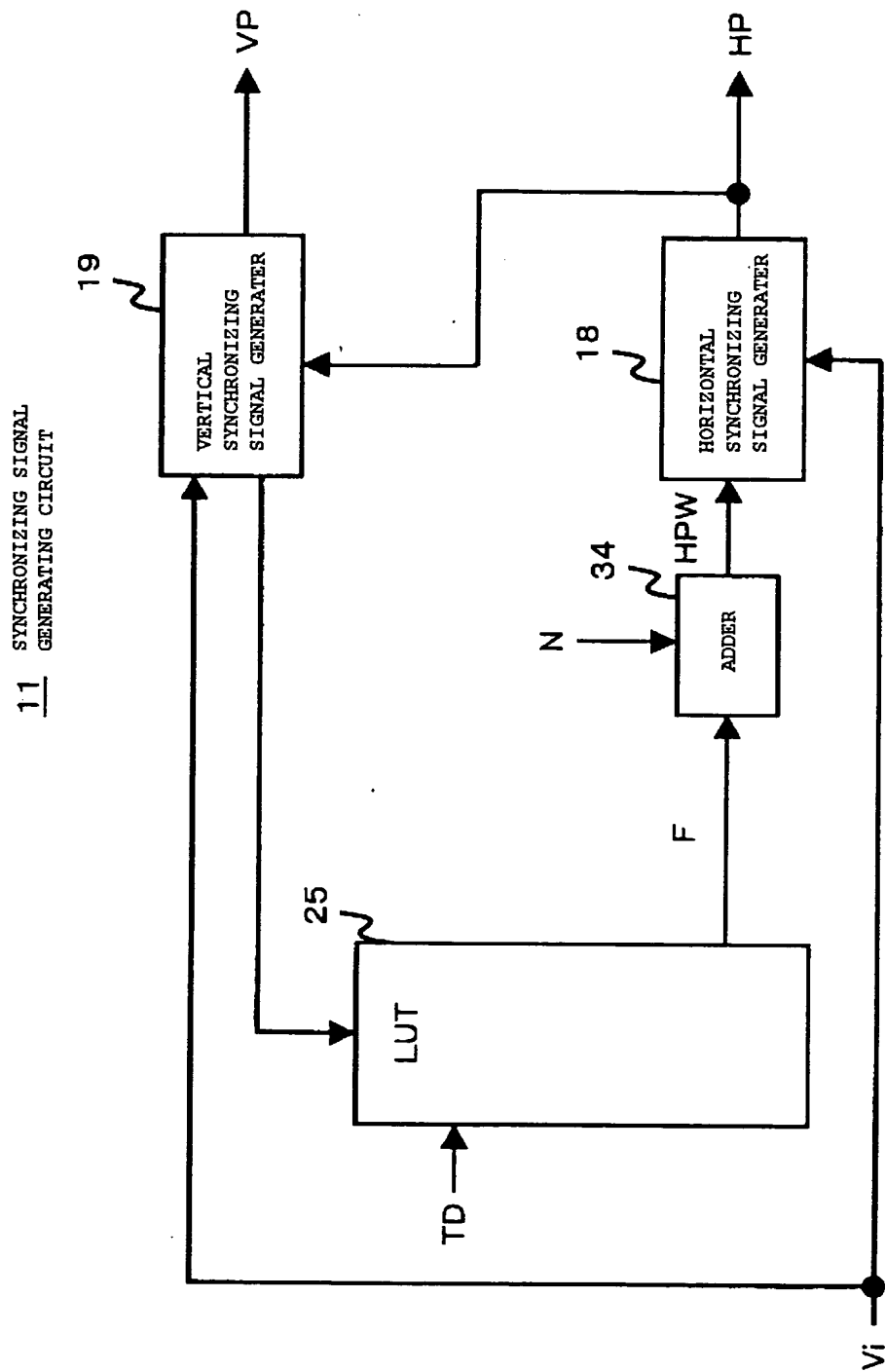


Fig. 26

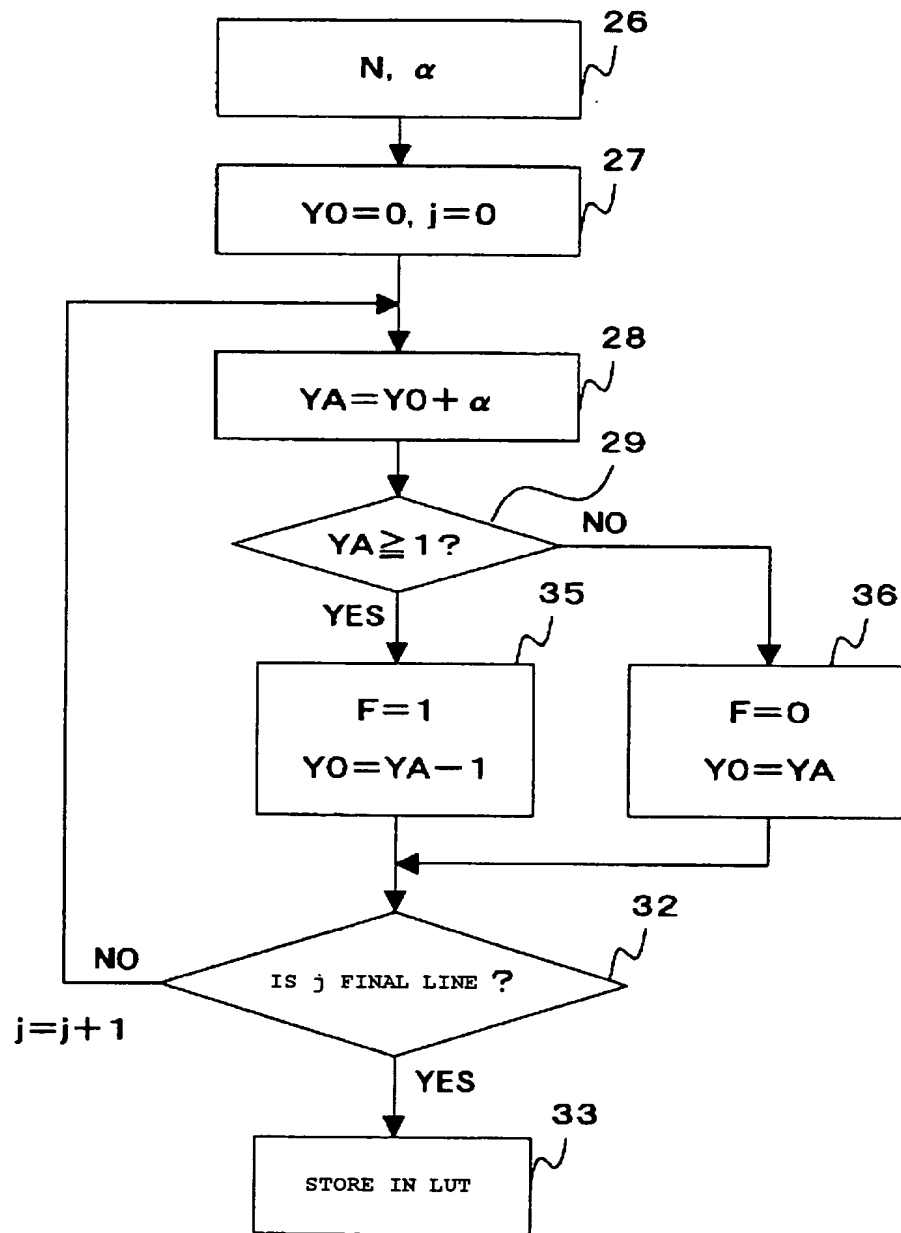


Fig. 27

ADDRESS	DATA F
0	0
1	0
2	0
3	1
4	0
5	0
6	1
7	0
8	0
:	:
:	:
:	:

Fig. 28

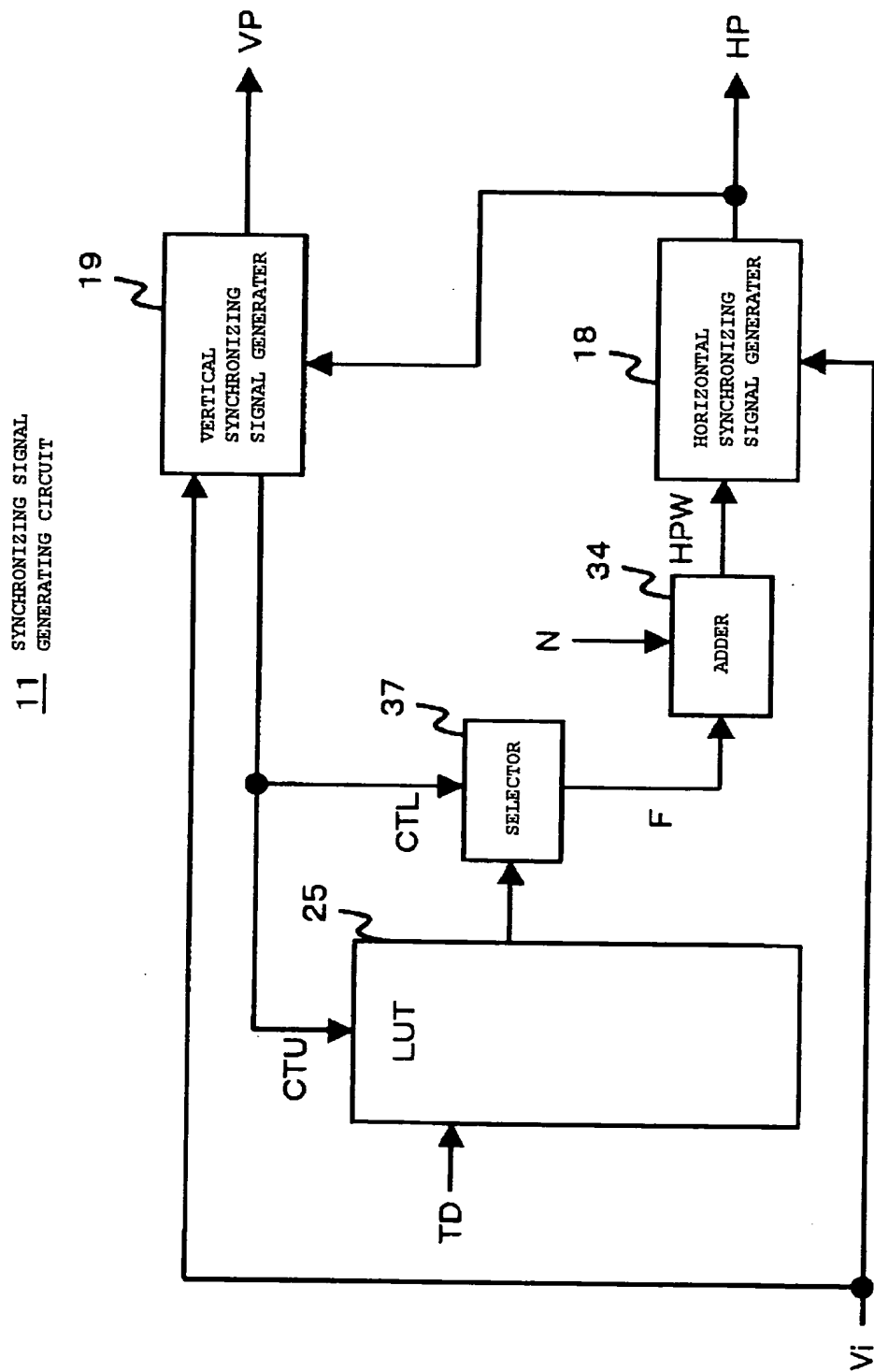
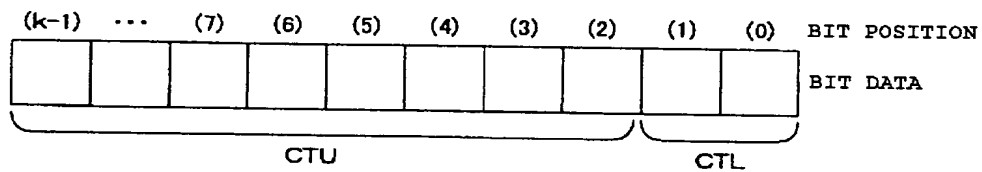


Fig. 29

ADDRESS	DATA b3	DATA b2	DATA b1	DATA b0
0	1	0	0	0
1	0	1	0	0
2	0	0	1	0
3	0	0	1	0
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:

(a)



(b)

LINE COUNT RESULTS	CTU	CTL
0	0	0
1	0	1
2	0	2
3	0	3
4	1	0
5	1	1
6	1	2
7	1	3
8	2	0
9	2	1
10	2	2
11	2	3
:	:	:

(c)

Fig. 30

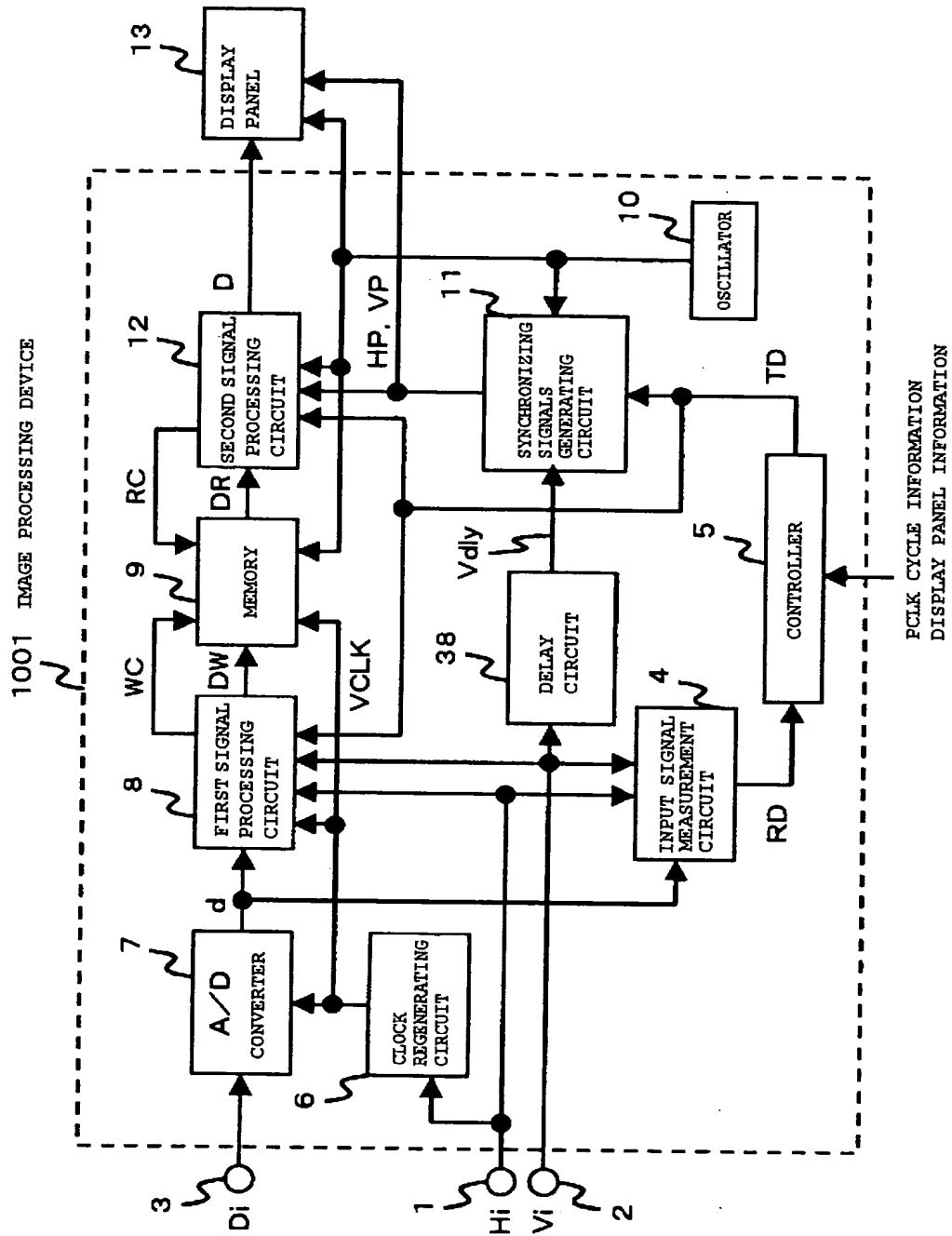


Fig. 31

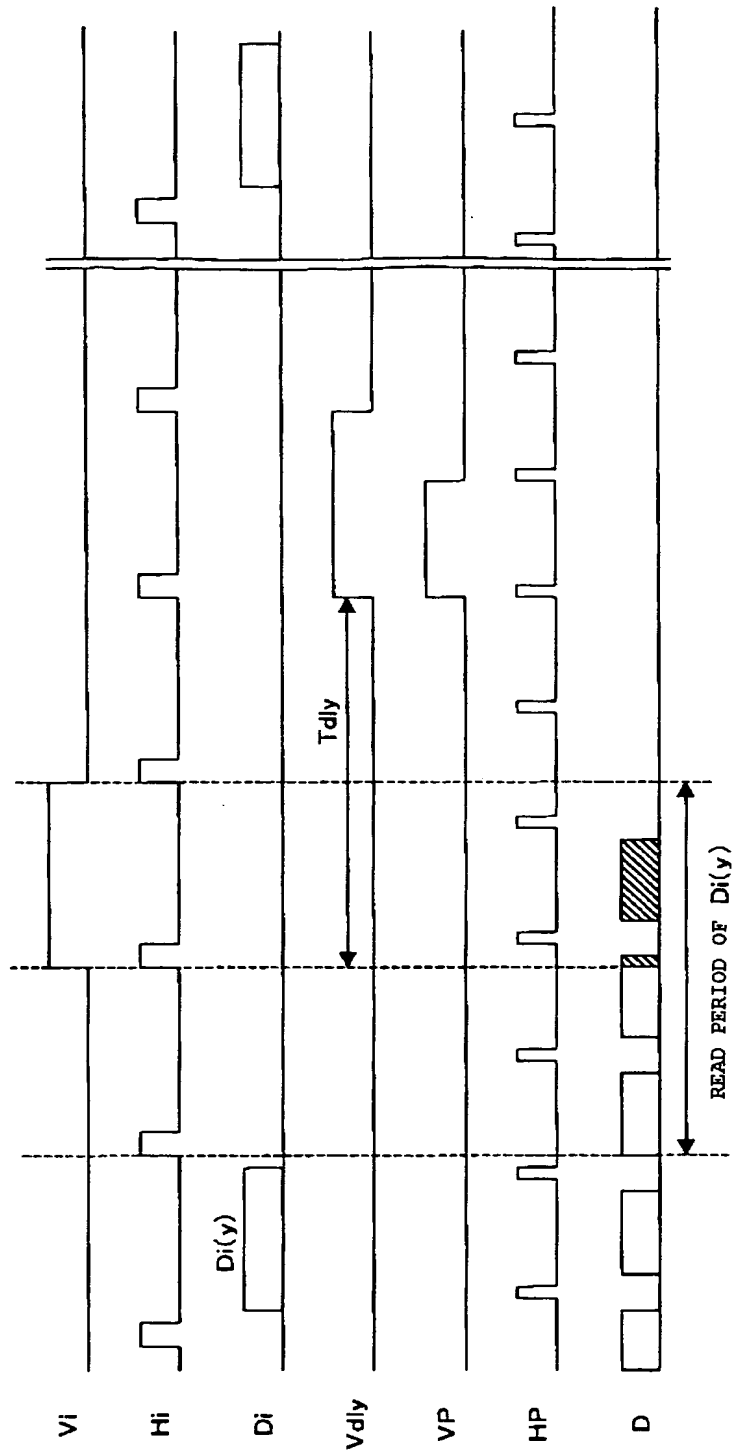


Fig. 32

